

INTERNATIONAL PRELIMINARY EXAMINATION REPORT  
(PCT Article 36 and Rule 70)

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Applicant's or agent's file reference 99000242/CHE	<b>FOR FURTHER ACTION</b> See Notification of Transmittal of International Preliminary Examination Report (Form PCT/PEA/416)	
International application No. PCT/IB 02/04733	International filing date (day/month/year) 13.11.2002 ✓	Priority date (day/month/year) 13.11.2002 ✓
International Patent Classification (IPC) or both national classification and IPC H04Q7/32		
Applicant NOKIA CORPORATION et al. ✓		

- This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.
- This REPORT consists of a total of 7 sheets, including this cover sheet. ✓  
☒ This report is also accompanied by ANNEXES, i.e. sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).  
These annexes consist of a total of 6 sheets. ✓

- This report contains indications relating to the following items:
  - I ☒ Basis of the opinion
  - II ☐ Priority
  - III ☐ Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
  - IV ☐ Lack of unity of invention
  - V ☒ Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
  - VI ☐ Certain documents cited
  - VII ☐ Certain defects in the international application
  - VIII ☐ Certain observations on the international application

Date of submission of the demand 15.04.2004 ✓	Date of completion of this report 14.02.2005
Name and mailing address of the international preliminary examining authority:  European Patent Office D-80298 Munich Tel. +49 89 2399 - 0 Tx: 523656 epmu d Fax: +49 89 2399 - 4465	Authorized Officer  Delucchi, C Telephone No. +49 89 2399-7305 

**INTERNATIONAL PRELIMINARY  
EXAMINATION REPORT**

International application No. PCT/IB 02/04733

**I. Basis of the report**

1. With regard to the **elements** of the international application (*Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17)*):

**Description, Pages**

1-14 as originally filed

**Claims, Numbers**

1-22 received on 01.02.2005 with letter of 01.02.2005

**Drawings, Sheets**

1/2-2/2 as originally filed

2. With regard to the **language**, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language: , which is:

- ☐ the language of a translation furnished for the purposes of the international search (under Rule 23.1(b)).
- ☐ the language of publication of the international application (under Rule 48.3(b)).
- ☐ the language of a translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/or 55.3).

3. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

- ☐ contained in the international application in written form.
- ☐ filed together with the international application in computer readable form.
- ☐ furnished subsequently to this Authority in written form.
- ☐ furnished subsequently to this Authority in computer readable form.
- ☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
- ☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

4. The amendments have resulted in the cancellation of:

- ☐ the description, pages:
- ☐ the claims, Nos.:
- ☐ the drawings, sheets:

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5. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed (Rule 70.2(c)).

*(Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.)*

6. Additional observations, if necessary:

**V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**

1. Statement

Novelty (N)	Yes: Claims	1-22
	No: Claims	
Inventive step (IS)	Yes: Claims	1-22
	No: Claims	
Industrial applicability (IA)	Yes: Claims	1-22
	No: Claims	

2. Citations and explanations

**see separate sheet**

**INTERNATIONAL PRELIMINARY  
EXAMINATION REPORT - SEPARATE SHEET**

International application No. PCT/IB 02/04733

**Concerning Item I**

**Basis of the opinion**

1. This preliminary examination report is based on **claims 1-22** filed with letter of 01.02.2005 which have been found to fulfil the requirements of Article 34(2)(b) PCT.
2. Reference is made to the following documents:
  - D1:** SONY ERICSSON: P8000 USER'S GUIDE, FIRST EDITION, [Online] November 2002 (2002-11), XP002243967 Retrieved from the Internet: URL:[http://www.sonyericsson.com/downloads/ P800\\_UG\\_R1c\\_EN\\_ZS.pdf](http://www.sonyericsson.com/downloads/P800_UG_R1c_EN_ZS.pdf)> [retrieved on 2003-06-11]
  - D2:** WO 01/86986 A (KIM DOO YONG ;INFOHAND COMPANY LTD (KR)) 15 November 2001 (2001-11-15)
  - D3:** EP-A-0 804 045 (TELIA AB) 29 October 1997 (1997-10-29)
  - D4:** NEUVO Y ET AL: "Wireless meets multimedia - new products and services" PROCEEDINGS 2002 INTERNATIONAL CONFERENCE ON IMAGE PROCESSING (CAT. NO.02CH37396), PROCEEDINGS OF ICIP 2002 INTERNATIONAL CONFERENCE ON IMAGE PROCESSING, ROCHESTER, NY, USA, 22-25 SEPT. 2002, pages I-1-4 vol.1, XP002243969 2002, Piscataway, NJ, USA, IEEE, USA ISBN: 0-7803-7622-6
  - D5:** EP 1 197 901 (NORIA Corporation) 17.04.2002 (cited by the applicant in the description page 1, line 26)
  - D6:** 3GPP TS 23.140 V3.1.0: "Functional description; Stage 2 (Release 1999)" 3RD GENERATION PARTNERSHIP PROJECT; TECHNICAL SPECIFICATION GROUP TERMINALS: MULTIMEDIA MESSAGING SERVICE (MMS);, [Online] June 2002 (2002-06), XP002243968 Retrieved from the Internet: URL:<http://www.etsi.org>> [retrieved on 2003-06-11]

**Concerning Item V**

**Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**

1. Having regard to the documents cited in the International search report the subject-matter of **claims 1-22** appears to meet the requirements of Article 33(1) PCT in respect of **novelty, inventive step and industrial applicability**.

1.1 **Amended claim 1** defines a communication terminal comprising

- a **calendar module** for enabling a user of said communication terminal to generate a reminder in a multimedia format.

Further, the communication terminal comprises a **multimedia generating module** for generating a recording in a multimedia format, and a **storage module** for storing the recording and the reminder, and a **control module** for associating the recording with the *reminder*, and for controlling a **multimedia playing module** playing said recording in conjunction with the **control module** executing said *reminder*.

The closest prior art, document **D1**, discloses on pages 107-100 a *calendar functions* that allows the user to keep track of appointments/events and to set reminder alarms for the reminder entries.

However, the system of **D1** does only provide for generating a reminder as a text (cf. page 107, right column, paragraph "Creating calendar entries": "...and enter a short description of the entry. This is the description you see in the calendar") and does not disclose the generation of a reminder in a *multimedia format* and a later execution of the recording in conjunction of executing said *reminder*.

Therefore, the subject-matter of **claim 1** is **novel** over **D1** as required by Article 33(2) PCT.

1.2 Departing from document **D1**, the problem to be solved by the present invention could be formulated as **how to improve and extend the calendar function**.

The invention according to **claim 1** defines a **communication terminal** comprising in particular a *calendar module for enabling the user of said communication terminal to generate a reminder in multimedia format* (item b)).

This allows the user to record a reminder containing e.g. a recording of an audio or visual sequence captured by the communication terminal or received at the communication terminal and stored by the user. Then, the reminder is executed in conjunction with playing said recording.

Neither **D1** nor the other cited prior art documents fairly suggest a communication terminal having the features of a calendar module as defined by **claim 1**. Even document **D5**, which focuses on a *reminder application*, makes no reference to the possibility of extending the capabilities of the reminder application to include a

generation of the reminder in a *multimedia format*.

Moreover, it is considered to define, for a person skilled in the art, that the inventive features cited above are not obvious when departing from the available prior art and combining it with the common knowledge in the field.

As a consequence, the subject-matter of **claim 1** is considered **inventive** as required by Article 33(3) PCT.

- 1.3 The same reasoning as for **claim 1** applies to **independent claims 15 and 21**, which define a **method** to be carried out by the **communication terminal** and a **system** comprising a **communication terminal** according to **claim 1**.

As a consequence, the subject-matter of both **claims 15 and 21** also involves an **inventive step** in the sense of Article 33(3) PCT.

- 1.4 **Claims 2-14, 16-20 and 22** are dependent on **claims 1, 15 and 21** and as such also meet the requirements of the PCT with respect to **novelty and inventive step**.

- 1.5 The invention as defined by **claims 1-22** is obviously **industrially applicable** (Article 33(4) PCT).

2. However, the following objections are raised with regard to the present filed documents (Article 6 PCT):

- 2.1 **Claim 22** does not meet the requirements of Article 6 PCT since it does not define clearly the scope of monopoly for which protection is sought, since no *further step of the method* is defined but rather a reference to features of the **communication terminal** is found.

In addition, the extent of protection which is sought is not clear because **claim 24** references other claims (e.g. *claims 17 to 22*, which correspond to a different category (method)), rather than clearly defining the system *in terms of its technical features* (cf. Guidelines, Section IV, III-4.1).

- 2.2 The reference on page 1, line 27 of the description ("*incorporated by reference*") should be deleted as the application should be self-contained; such referenced

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document is not regarded as part of the disclosure unless it contains matter essential to the invention, in which case the subject-matter in question would have to be incorporated into the description.

3. Furthermore, the following formal comments and/or objections are also raised with regard to the present filed documents:
  - 3.1 The **description** should have been brought in **conformity with the amended claims** (Rule 5.1(a)(iii) PCT). This applies in particular to the parts of the "*summary of invention*" on page 3, lines 5-17; page 7, lines 11-23 and page 9, lines 8-28, which reference the **communication terminal** according to **claim 1**, the **method** according to **claim 15** and the **system** according to **claim 21**.
  - 3.2 **Independent claims** should have been composed in the **two-part** form in accordance with Rule 6.3(b) PCT, with those features known in combination from the prior art (document **D1**) being placed in the preamble (Rule 6.3(b)(I) PCT) and with the remaining features being included in the characterising part (Rule 6.3(b)(ii) PCT).
  - 3.3 All features of the claims should have been provided with **reference signs** placed in parentheses (Rule 6.2(b) PCT).
  - 3.4 According to the requirements of Rule 5.1(a)(ii) PCT, the **relevant background art** disclosed in the cited prior art documents should have been mentioned in the description.